

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-12. (Canceled)

13. (Currently amended) **In a piezoelectric actuator including**

a multilayered structure of piezoelectric layers with inner electrodes (2, 3) interspersed between them,

a contacting of the inner electrodes (2, 3) on alternating sides with outer electrodes (4) that can supply an electrical voltage,

the respective outer electrode (4) being attached in a net-like, mesh-like, or screen-like fashion and contacting the respective inner electrodes (2, 3) at least at points, the improvement wherein

the contacting of the inner electrodes (2, 3) is provided in the corner region of the piezoelectric actuator (1), and

the net-like, mesh-like, or screen-like outer electrode (4) being guided around the respective corner in a predetermined region, and contacting the respective inner electrodes (2, 3) at least in parts, wherein

the net-like, mesh-like, or screen-like outer electrode (4) includes an extension (5)

extending outwardly beyond the multilayered structure of piezoelectric layers and can be provided with a terminal (6) there, and wherein,

~~The piezoelectric actuator according to claim 10, wherein,~~

in the region of the extension (5), the respective net-like, mesh-like, or screen-like outer electrode (4) is rolled and is provided with the ~~with a~~ terminal (6).

14. (Currently amended) In a piezoelectric actuator including

a multilayered structure of piezoelectric layers with inner electrodes (2, 3) interspersed between them,

a contacting of the inner electrodes (2, 3) on alternating sides with outer electrodes (4) that can supply an electrical voltage,

the respective outer electrode (4) being attached in a net-like, mesh-like, or screen-like fashion and contacting the respective inner electrodes (2, 3) at least at points, the improvement wherein

the contacting of the inner electrodes (2, 3) is provided in the corner region of the piezoelectric actuator (1), and

the net-like, mesh-like, or screen-like outer electrode (4) being guided around the respective corner in a predetermined region, and contacting the respective inner electrodes (2, 3) at least in parts, wherein

the net-like, mesh-like, or screen-like outer electrode (4) includes an extension (5) extending outwardly beyond the multilayered structure of piezoelectric layers and can

be provided with a terminal (6) there, wherein

the extension (5) and the terminal (6) are disposed in the region of the cross section of the piezoelectric actuator (1), and wherein

The piezoelectric actuator according to claim 11, wherein;

in the region of the extension (5), the respective net-like, mesh-like, or screen-like outer electrode (4) is rolled and is provided with the with a terminal (6).

15. (Currently amended) In a piezoelectric actuator including

a multilayered structure of piezoelectric layers with inner electrodes (2, 3) interspersed between them,

a contacting of the inner electrodes (2, 3) on alternating sides with outer electrodes (4) that can supply an electrical voltage,

the respective outer electrode (4) being attached in a net-like, mesh-like, or screen-like fashion and contacting the respective inner electrodes (2, 3) at least at points, the improvement wherein

the contacting of the inner electrodes (2, 3) is provided in the corner region of the piezoelectric actuator (1), and

the net-like, mesh-like, or screen-like outer electrode (4) being guided around the respective corner in a predetermined region, and contacting the respective inner electrodes (2, 3) at least in parts, wherein

the respective net-like, mesh-like, or screen-like outer electrode extends laterally from the piezoelectric layers and is provided with a terminal there, and wherein

~~The piezoelectric actuator according to claim 12, wherein;~~

in the region of the extension (5), the respective net-like, mesh-like, or screen-like outer electrode (4) is rolled and is provided **with the** ~~with a~~ terminal (6).

Claims 16-17. **(Canceled)**

18. **(Currently amended)** The piezoelectric actuator according to **claim 13**, ~~claim 12~~;
wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are made of Invar.

19. **(Currently amended)** The piezoelectric actuator according to **claim 14**, ~~claim 12~~;
wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are made of Invar.

20. **(Currently amended)** The piezoelectric actuator according to claim 15, ~~claim 13~~;
wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are made of Invar.

21. **(Currently amended)** The piezoelectric actuator according to claim 13, ~~claim 9~~;
wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).

22. **(Currently amended)** The piezoelectric actuator according to claim 14, ~~claim 10~~;
wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).

23. **(Currently amended)** The piezoelectric actuator according to claim 15, ~~claim 11~~;
wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).

24. **(Currently amended)** The piezoelectric actuator according to claim 18, claim 12, wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are soldered to the respective inner electrodes (2, 3).

25. **(Currently amended)** The piezoelectric actuator according to claim 19, claim 13, wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are soldered to the respective inner electrodes (2, 3).

26. **(Currently amended)** The piezoelectric actuator according to claim 20, claim 16, wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are soldered to the respective inner electrodes (2, 3).

27. **(Currently amended)** In a piezoelectric actuator including
a multilayered structure of piezoelectric layers with inner electrodes (2, 3)
interspersed between them,
a contacting of the inner electrodes (2, 3) on alternating sides with outer
electrodes (4) that can supply an electrical voltage,

the respective outer electrode (4) being attached in a net-like, mesh-like, or screen-like fashion and contacting the respective inner electrodes (2, 3) at least at points, the improvement wherein

the contacting of the inner electrodes (2, 3) is provided in the corner region of the piezoelectric actuator (1), and

the net-like, mesh-like, or screen-like outer electrode (4) being guided around the respective corner in a predetermined region, and contacting the respective inner electrodes (2, 3) at least in parts, The piezoelectric actuator according to claim 9, wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are welded to the respective inner electrodes (2, 3).

28. (New) The piezoelectric actuator according to claim 13, wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are welded to the respective inner electrodes (2, 3).

29. (New) The piezoelectric actuator according to claim 14, wherein

the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the terminal (6) is/are welded to the respective inner electrodes (2, 3).

30. **(New)** The piezoelectric actuator according to claim 15, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are welded to the respective inner electrodes (2, 3).

31. **(New)** The piezoelectric actuator according to claim 18, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are welded to the respective inner electrodes (2, 3).

32. **(New)** The piezoelectric actuator according to claim 19, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are welded to the respective inner electrodes (2, 3).